## CLAIMS

- 1. A white electroluminescent device comprising in sequence:
- 5 an anode,

a blue emitting layer containing a host material and a blue dopant,

a yellow-to-red emitting layer containing a host material identical to the host material of the blue emitting layer and a yellow-to-red dopant, and

a cathode,

the blue emitting layer and the yellow-to-red emitting layer forming an emitting layer.

- 15 2. A white electroluminescent device according to claim 1, wherein the blue emitting layer comprises an oxidizer.
- A white electroluminescent device according to claim 1, further comprising a first organic layer between the anode and
   the blue emitting layer, the first organic layer comprising an oxidizer.
  - 4. A white electroluminescent device according to claim 1, wherein the yellow-to-red emitting layer comprises a reducer.

5. A white electroluminescent device according to claim 1, further comprising a second organic layer between the cathode and the yellow-to-red emitting layer and the second organic layer comprises a reducer.

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- 6. A white electroluminescent device according to claim 1, further comprising an inorganic compound layer contacting the anode and/or the cathode.
- 7. A white electroluminescent device according to claim 1, wherein the host material is a styryl derivative, an anthracene derivative or an aromatic amine.
- 8. A white electroluminescent device according to claim 7, wherein the styryl derivative is a di-styryl derivative, a tris-styryl derivative, a tetra-styryl derivative or a styryl amine derivative.
- 9. A white electroluminescent device according to claim 7,
  15 wherein the anthracene derivative is a compound containing a phenyl anthracene skeleton.
- 10. A white electroluminescent device according to claim 7, wherein the aromatic amine is a compound containing 2, 3 or 420 nitrogen atoms substituted with an aromatic group.
  - 11. A white electroluminescent device according to claim 10, wherein the aromatic amine further contains at least one alkenyl group.

12. A white electroluminescent device according to claim 1, wherein the blue dopant is at least one compound selected from styryl amines, amine substituted styryl compounds and fused-aromatic-ring containing compounds.

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- 13. A white electroluminescent device according to claim 1, wherein the yellow-to-red dopant is a compound containing a plurality of fluoranthene skeletons.
- 5 14. A white electroluminescent device according to claim 1, wherein the yellow-to-red dopant is a compound containing an electron-donating group and a fluoranthene skeleton.
- 15. A white electroluminescent device according to claim 1,10 wherein a fluorescence peak wavelength of the yellow-to-red dopant is 540 nm to 700 nm.
  - 16. A white electroluminescent device according to claim 1, wherein the thickness of the blue emitting layer or the 5 yellow-to-red emitting layer is 5 nm and more.